

ABSTRACT OF THE DISCLOSURE

An image forming apparatus includes a developing device for developing an electrostatic image formed on an image bearing member with
5 developer including toner and carrier, a density sensor for detecting a density of the toner, a control unit for controlling the amount of toner to be supplied to the developing device by comparing an output of the density sensor with a target value, a
10 changing unit for changing the target value when the output of the density sensor falls into an error level, and a recovering unit for supplying the toner based on the target value changed by the changing unit to perform a recovery operation.